

Manufacturers' Shipments, Inventories, and Orders

NOVEMBER 1981

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U.S. Department of Commerce
BUREAU OF THE CENSUS

(All figures in text below are in seasonally adjusted current dollars.)

New orders for manufactured goods showed a small increase in November, going up \$0.4 billion or 0.2 percent from October to \$159.4 billion, the Department of Commerce, Bureau of the Census reported today. This is the first increase in orders since July. Excluding orders for defense capital goods, new orders were down 0.4 percent.

Shipments of manufactured goods declined for the 5th consecutive month, decreasing \$2.2 billion or 1.4 percent from October to \$161.9 billion. Despite the increase in November new orders, the value remained below shipments for the month, resulting in a decline in the orders backlog of \$2.5 billion or 0.8 percent to \$321.1 billion. The orders backlog had declined in October by 1.5 percent.

The 0.2 percent increase in manufacturers' new orders resulted from offsetting movements in the durable and non-durable goods industries. New orders for durable goods were estimated at \$79.1 billion, up \$1.3 billion or 1.7 percent from October; new orders for nondurable goods, which for the most part reflect shipments for the month, declined \$0.9 billion or 1.1 percent to \$80.3 billion.

Within the durable goods industries, the largest increases occurred in the machinery categories: new orders for electrical machinery increased \$1.5 billion or 14.3 percent to \$11.9 billion, while new orders for nonelectrical machinery were up \$0.5 billion or 3.4 percent to \$16.5 billion. These increases followed October declines of 17.0 percent and 8.7 percent respectively.

New orders for nondefense capital goods, reflecting the machinery order increases, were up 10.0 percent from October to \$23.1 billion. New orders for defense capital goods were up \$1.0 billion or 26 percent to \$4.8 billion, following an October decline of 42 percent.

Declines in the value of manufacturers' shipments in November were widespread. Within the durable goods sector, virtually all major industries except electrical and nonelectrical machinery were down. Shipments of primary metals in November were valued at \$10.6 billion, down for the third consecutive

month. This 4.1 percent decline followed decreases in October of 4.7 percent and September of 3.1 percent. Both the steel and nonferrous categories have been showing steady declines. Within the transportation equipment category, shipments by the motor vehicle and parts industries were down for the 5th consecutive month. November shipments were valued at \$10.0 billion, a 6.3 percent decline from October. The motor vehicle industry decline in November was partially offset by increases in the aircraft and shipbuilding industries.

The decline in shipments by nondurable goods manufacturers in November of 1.1 percent matched the October decline of 1.1 percent. Declines in food, petroleum, and rubber and plastic products shipments were partially offset by increases in most of the other categories.

The book value of manufacturers' inventories in November increased \$1.1 billion or 0.4 percent from October to \$279.6 billion. Most of the durable and nondurable goods industries reported small increases, but the motor vehicle and parts industry showed an inventory decline of \$0.4 billion or 3.9 percent to \$9.1 billion.

With the decline in shipments over the last several months the inventory to shipments ratio has now climbed to 1.73. This is the highest it has been since the second quarter last year when the ratio rose to 1.76 in May and June.

The figures on the durable goods industries in this report supersede those issued earlier in the advance report on durable goods. The present report is based on more complete reporting, but the estimates are also considered preliminary. Final figures will appear as historical data in the report to be published for next month. The advance report on durable goods for December is scheduled for release on January 22, 1982, and the full report is scheduled for release on February 2, 1982.

A description of the survey methodology and related information may be found in the summary report in this series for 1980 M31.10 Manufacturers' Shipments, Inventories and Orders: 1972-1980, issued July 1981.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

SIC		Seasonally adjusted										Not seasonally adjusted ¹										Year-to-date	
		Monthly										Quarterly											
		Monthly					Quarterly					Last 4 months					Last 4 months a year ago						
		Nov. 1981P	Oct. 1981P	Sept. 1981	Aug. 1981	III 1981	II 1981	I 1981	Nov. 1981P	Oct. 1981P	Sept. 1981	Aug. 1981	Nov. 1980	Oct. 1980	Sept. 1980	Aug. 1980							
(Millions of dollars)																							
TOTALS																							
	All manufacturing industries.....	161,869	164,085	168,581	169,518	508,423	506,512	495,900	161,225	170,346	174,010	166,520	161,492	167,307	163,812	147,823	1,842,052	1,688,337					
	Manufacturing industries excluding transportation.....	145,115	146,887	149,625	150,087	451,069	447,982	443,169	143,838	151,518	155,724	149,973	143,236	147,664	146,076	135,371	1,639,006	1,513,602					
	Manufacturing industries with unfilled orders.....	86,172	86,556	89,183	89,699	268,852	266,373	260,886	85,607	90,073	92,943	87,874	84,366	87,466	86,200	76,159	971,065	884,082					
	Durable goods industries.....	81,238	82,583	86,179	86,841	260,339	261,761	252,602	80,582	86,763	88,536	83,181	82,459	86,823	83,673	71,609	941,171	856,052					
	Durable goods with unfilled orders.....	69,193	69,650	71,916	72,702	217,285	215,863	211,253	68,481	72,347	74,853	70,539	68,457	71,023	69,614	60,803	784,771	714,964					
	Nondurable goods industries.....	80,631	81,502	82,402	82,677	248,084	244,751	243,298	80,643	83,583	85,474	83,339	79,033	80,484	80,139	76,214	900,881	832,285					
	Nondurable goods with unfilled orders.....	16,979	16,906	17,267	16,997	51,567	50,510	49,633	17,126	17,726	18,090	17,335	15,909	16,443	16,586	15,356	186,293	169,118					
MARKET CATEGORIES																							
	Home goods and apparel.....	11,987	11,971	12,217	12,400	37,409	37,089	36,096	12,652	13,476	13,658	13,406	12,256	13,278	12,706	11,821	136,026	125,189					
	Consumer staples.....	28,560	28,664	29,267	28,919	87,405	86,554	86,007	29,163	29,725	30,842	28,878	28,727	29,413	30,216	28,327	317,320	300,502					
	Equipment and defense products, except automotive.....	25,828	25,163	26,185	26,044	77,437	76,364	74,189	25,081	25,485	27,076	24,798	23,443	24,150	24,996	21,615	278,059	252,131					
	Automotive equipment.....	11,586	12,442	13,688	14,227	42,296	43,191	37,980	12,123	14,182	12,852	11,848	13,234	14,800	12,661	8,514	148,505	123,592					
	Construction materials, supplies, and intermediate products.....	11,607	11,925	12,310	12,289	37,353	38,564	39,202	11,390	12,662	13,100	13,062	12,558	13,440	12,878	12,213	139,467	131,605					
	Other materials, supplies, and intermediate products.....	72,301	73,920	74,914	75,639	226,523	224,749	222,426	70,816	74,816	76,482	74,528	71,274	72,226	70,355	65,533	822,668	755,318					
SUPPLEMENTARY SERIES ²																							
	Household durable goods industries.....	5,072	5,194	5,360	5,274	16,146	16,241	15,738	5,251	5,799	6,055	5,570	5,186	5,749	5,574	4,948	58,703	53,868					
	Capital goods industries.....	28,826	27,871	28,822	28,992	85,974	84,469	81,803	28,328	28,214	29,853	27,459	26,441	26,887	27,550	23,549	307,749	280,470					
	Nondefense.....	24,358	23,534	24,608	24,573	73,112	72,453	70,217	23,924	23,825	25,417	23,246	22,738	23,189	23,709	20,315	262,687	243,185					
	Defense.....	4,468	4,337	4,214	4,419	12,862	12,017	11,586	4,404	4,389	4,436	4,213	3,703	3,698	3,841	3,234	45,059	37,285					
INDUSTRY GROUPS AND INDUSTRIES																							
	Durable goods industries:																						
32	Stone, clay, and glass products.....	3,873	3,845	4,024	4,004	12,278	12,680	12,597	3,837	4,164	4,335	4,288	3,977	4,259	4,221	3,907	45,664	41,854					
322	Glass containers.....	492	492	488	493	1,527	1,567	1,386	474	502	518	515	405	425	471	437	5,500	4,509					
33	Primary metals.....	10,613	11,065	11,609	11,981	35,561	35,325	35,521	10,091	11,191	11,724	11,556	11,190	11,446	11,088	9,953	128,857	123,071					
331	Blast furnaces, steel mills.....	5,540	5,710	5,929	6,111	18,268	18,482	17,804	5,175	5,698	5,965	5,921	5,556	5,430	5,055	4,390	66,175	56,842					
333-9	Nonferrous and other primary metals.....	4,138	4,368	4,631	4,720	14,018	13,454	14,197	3,985	4,442	4,695	4,532	4,519	4,825	4,984	4,621	50,457	54,150					
34	Fabricated metal products.....	9,607	9,989	10,286	10,432	31,265	31,644	31,279	9,405	10,497	10,671	10,535	10,232	10,829	10,286	9,414	114,375	106,859					
341	Metal cans, barrels, and drums.....	813	797	778	819	2,441	2,488	2,617	672	769	907	969	695	822	967	977	9,296	9,463					
35	Machinery, except electrical.....	17,133	16,924	17,353	17,246	51,669	50,914	50,128	16,393	17,136	17,814	16,244	15,349	16,243	16,316	13,860	186,403	166,293					
351	Engines and turbines.....	1,509	1,393	1,429	1,428	4,404	4,101	3,864	1,414	1,346	1,491	1,320	1,154	1,181	1,137	1,002	15,142	12,647					
352	Farm machinery and equipment.....	956	1,182	1,380	1,173	3,817	3,800	3,614	776	1,266	1,386	1,085	1,001	1,167	1,001	1,044	13,635	12,689					
353	Construction, mining, and material-handling equipment.....	3,562	3,383	3,375	3,473	10,166	9,856	9,619	3,309	3,420	3,459	3,361	2,729	3,004	2,973	2,773	36,728	32,370					
354	Metallurgical machinery.....	939	1,001	1,037	997	2,989	2,910	2,957	912	1,000	1,077	899	972	991	981	811	10,748	10,141					
356	General industrial machinery.....	1,459	1,474	1,422	1,470	4,383	4,282	4,071	1,389	1,550	1,452	1,412	1,295	1,453	1,410	1,247	15,678	14,612					

See footnotes at end of table.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES—(continued)

(Millions of dollars)

SIC	Industry	Seasonally adjusted				Not seasonally adjusted ¹										Year-to-date	
		Monthly				Quarterly				Monthly						1981	1980
		Nov. 1981P	Oct. 1981P	Sept. 1981	Aug. 1981	III 1981	II 1981	I 1981		Nov. 1981P	Oct. 1981P	Sept. 1981	Aug. 1981	Nov. 1980	Oct. 1980		
	INDUSTRY GROUPS AND INDUSTRIES--Continued																
	Durable goods and industries--Continued																
36	Electrical machinery.....	11,471	11,262	11,667	11,682	35,062	34,649	33,101		11,620	11,839	12,339	11,402	11,201	11,459	10,263	115,312
361,2	Electrical transmission and distribution equipment and household appliances.....	1,924	1,868	1,941	2,045	5,901	5,738	5,404		1,895	1,897	1,988	1,968	1,879	1,878	1,871	20,936
363	Radio and TV.....	1,059	1,020	1,113	1,075	3,291	3,459	3,398		992	1,061	1,191	1,111	1,066	1,187	1,121	12,303
365	Communication equipment.....	800	838	965	875	2,765	2,859	2,708		958	1,002	1,115	906	1,019	993	940	9,906
366	Electronic components.....	3,221	3,245	3,184	3,277	9,825	9,507	8,893		3,192	3,239	3,284	3,140	2,862	2,944	2,721	34,560
367	Transportation equipment.....	2,390	2,243	2,390	2,314	7,124	6,930	6,906		2,400	2,348	2,514	2,299	2,376	2,419	2,318	25,695
37	Motor vehicles and parts.....	16,754	17,198	18,956	19,431	57,354	58,531	52,732		17,387	18,828	18,286	16,547	18,256	19,643	17,736	174,735
371	Aircraft, missiles, and parts.....	10,018	10,686	11,971	12,370	36,731	37,622	32,737		10,670	12,299	11,039	9,997	11,594	12,908	6,824	105,049
372,6	Shipbuilding and military tank vehicles.....	4,795	4,550	4,938	4,827	14,218	14,459	13,626		4,832	4,475	5,177	4,462	4,678	4,617	3,679	46,256
3731	Instruments and related products.....	1,175	1,095	1,151	1,261	3,616	3,520	3,405		1,173	1,167	1,172	1,208	1,018	1,016	1,034	11,477
3795	Scientific and engineering.....	4,143	4,241	4,299	4,205	12,812	12,495	12,305		4,253	4,395	4,587	4,198	4,104	4,124	3,872	45,998
381-4	Photographic goods.....	2,397	2,533	2,533	2,512	7,508	7,208	7,145		2,565	2,664	2,664	2,446	2,308	2,314	2,172	24,187
386	All other durable goods industries.....	1,457	1,429	1,486	1,416	4,462	4,367	4,285		1,568	1,511	1,603	1,460	1,532	1,522	1,432	14,851
39	Nondurable goods industries:	7,644	8,059	7,985	7,860	24,338	25,524	24,938		7,596	8,713	8,780	8,411	8,150	8,820	7,888	85,993
20	Food and kindred products:	21,519	22,077	22,421	22,453	67,512	67,307	66,528		21,928	22,763	23,316	22,394	22,574	22,677	22,021	244,796
201	Meat products.....	5,290	5,582	5,856	5,799	17,332	16,070	15,690		5,333	5,817	5,785	5,817	5,309	5,513	5,186	59,865
208	Beverages.....	2,887	2,898	2,927	2,955	9,124	8,629	8,629		2,933	3,055	2,980	3,144	2,891	3,131	2,907	32,798
209	Fats and oils.....	1,663	1,746	1,757	1,854	5,375	5,189	5,233		1,715	1,772	1,791	1,772	1,830	1,672	1,666	11,426
203-6,9	All other foods.....	8,515	8,752	8,806	8,795	26,509	27,271	27,887		8,745	9,023	9,608	8,575	9,602	9,538	9,089	98,550
21	Tobacco products.....	1,173	1,099	1,211	1,186	3,592	3,283	3,287		1,199	1,164	1,190	1,218	1,091	1,167	1,100	11,308
22	Textile mill products.....	3,944	4,061	4,427	4,414	13,337	13,012	12,481		4,010	4,320	4,713	4,430	3,902	4,006	4,075	42,478
26	Paper and allied products:	6,530	6,489	6,537	6,446	19,476	19,354	19,379		6,345	6,581	6,690	6,658	6,269	6,347	6,015	65,805
261-3	Pulp, paper, etc.....	2,925	2,823	3,042	2,820	8,676	8,480	8,479		2,870	2,877	2,986	2,869	2,689	2,752	2,662	29,286
265	Paperboard containers.....	1,698	1,590	1,671	1,611	4,989	4,970	4,868		1,652	1,679	1,728	1,684	1,682	1,614	1,562	18,243
266	All other paper products.....	1,907	2,076	1,824	2,015	5,803	5,904	6,052		1,823	2,025	1,976	2,105	1,809	1,903	1,901	20,059
28	Chemicals and allied products:	15,330	15,053	15,469	15,458	46,406	44,875	44,941		14,462	14,787	16,078	15,055	13,619	14,331	13,185	152,490
281,6	Industrial chemicals, except pigments.....	5,175	5,245	5,384	5,374	16,229	16,135	16,058		4,828	5,003	5,303	5,197	4,885	5,124	4,930	59,093
283,4	Drugs, soap, and toiletries.....	3,852	3,707	3,934	3,781	11,382	10,998	11,644		3,748	3,833	4,579	3,690	4,663	4,046	3,799	41,783
29	Petroleum and coal products:	15,953	16,479	16,049	16,405	48,313	48,730	49,783		15,899	16,249	16,086	16,458	15,653	14,977	14,493	40,906
30	Rubber and plastics products, n.e.c.....	3,531	3,945	3,971	3,956	12,056	11,886	11,419		3,416	4,152	4,087	4,040	4,027	4,364	4,106	178,978
23	All other nondurable goods industries.....	12,651	12,299	12,297	12,359	37,392	36,304	35,480		13,384	13,567	13,314	13,086	12,187	12,713	11,586	160,719
31	Textile mill products.....																44,531
	All other nondurable goods industries.....																122,592

¹Preliminary. ²Revised.

³Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

⁴The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.
Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.
Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the defense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.
Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.
The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"), for the specified industries.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

SIC	Industry	(Millions of dollars)									
		Seasonally adjusted					Not seasonally adjusted ¹				
		Monthly					Monthly				
		Quarterly		Last 4 months			Last 4 months a year ago			Year-to-date	
		Nov. 1981 ^a	Dec. 1981	Jan. 1982	Feb. 1982	Mar. 1982	Nov. 1980	Dec. 1980	Jan. 1981	1981	1980
TOTALS											
	All manufacturing industries.....	159,393	159,005	168,444	170,063	511,118	508,837	499,772	157,797	168,150	172,733
	Manufacturing industries excluding transportation.....	144,021	143,225	149,817	149,688	451,207	450,989	443,887	141,350	147,987	153,449
	Manufacturing industries with unfilled orders.....	81,696	81,476	89,046	90,244	271,547	268,697	264,758	82,179	87,877	91,666
	Durable goods industries.....	79,125	77,804	86,278	87,350	263,324	263,647	256,383	77,694	84,898	87,507
	Durable goods with unfilled orders.....	67,080	64,871	72,015	73,211	220,270	217,748	215,034	65,593	70,482	73,824
	Nondurable goods industries.....	80,268	81,201	82,166	82,713	247,794	245,190	243,389	80,103	83,252	85,226
	Industries with unfilled orders.....	16,616	16,605	17,031	17,033	51,277	50,949	49,724	16,586	17,395	17,842
	Industries without unfilled orders.....	63,652	64,596	65,135	65,680	196,517	194,241	193,665	63,517	65,857	67,384
MARKET CATEGORIES											
	Home goods and apparel.....	11,783	11,578	12,221	12,353	37,402	37,187	36,769	12,371	12,793	13,463
	Consumer staples.....	28,605	28,655	29,282	28,945	87,480	86,647	86,030	29,178	29,696	30,893
	Equipment and defense products, except automotive.....	25,844	23,225	25,302	27,503	79,749	75,996	78,323	24,249	26,430	27,030
	Automotive equipment.....	11,108	12,490	13,408	14,284	42,166	43,163	38,292	11,702	14,210	12,626
	Construction materials, supplies, and intermediate products.....	11,838	11,571	12,273	11,944	37,117	38,764	39,024	11,425	12,299	12,817
	Other materials, supplies, and intermediate products.....	70,215	71,486	75,958	75,034	227,204	227,079	221,355	68,972	72,722	75,904
SUPPLEMENTARY SERIES ²											
	Household durable goods industries.....	4,852	4,810	5,388	5,252	16,150	16,347	16,412	4,869	5,117	5,894
	Stone, clay, and glass.....	27,920	24,826	29,580	30,459	89,747	86,133	86,096	27,354	28,960	31,002
	Primary metals.....	23,096	20,996	23,026	24,700	71,952	71,818	70,468	21,575	22,905	23,705
	Nonferrous and other primary metal products.....	4,824	3,830	6,554	5,759	17,795	14,315	15,629	5,779	6,055	7,297
	Durable goods industries:										
32	Stone, clay, and glass.....	3,984	3,899	3,897	3,967	12,110	12,686	12,425	3,873	4,171	4,157
33	Primary metals.....	10,036	10,170	11,422	11,602	35,490	34,964	34,228	9,289	10,170	10,558
331	Durable goods, steel mills.....	5,183	5,107	6,022	6,082	18,540	18,453	17,291	4,847	4,973	5,266
333-339	Nonferrous and other primary metal products.....	3,958	3,944	4,368	4,466	13,656	13,322	13,746	3,550	4,042	4,248
34	Fabricated metal products.....	9,529	9,282	10,058	9,901	30,759	31,877	31,223	9,169	9,707	10,371
35	Machinery, except electrical.....	16,528	15,984	17,498	17,658	51,532	51,889	50,334	16,628	16,596	17,264
351	Engines and turbines.....	1,337	1,390	1,538	1,544	4,343	4,335	4,200	1,121	1,602	1,650
353	Construction, mining, and material-handling equipment.....	3,569	3,071	3,338	3,553	10,520	11,085	10,615	3,151	3,247	3,310
354	Metalworking machinery.....	661	765	786	752	2,267	2,333	2,701	638	747	747
356	General industrial machinery.....	1,293	1,551	1,317	1,638	4,504	4,526	4,198	1,244	1,606	1,279

See footnotes at end of table.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES -Continued
(Millions of dollars)

SIC	Industry	Seasonally adjusted					Not seasonally adjusted ¹											
		Monthly					Quarterly				Monthly					Year-to-date		
										Last 4 months a year ago								
		Nov. 1981 ^p	Oct. 1981 ^r	Sept. 1981	Aug. 1981	Jul. 1981	1 1981	Oct. 1981 ^r	Sept. 1981	Aug. 1981	Nov. 1980	Oct. 1980	Sept. 1980	Aug. 1980	1981	1980		
36	INDUSTRY GROUPS AND INDUSTRIES-- Continued Durable goods industries-- Continued	11,855	10,370	12,487	11,920	36,462	36,281	34,371	11,571	11,267	12,818	11,699	11,426	12,135	10,815	129,708	120,171	
361,2		Electrical machinery.....	2,009	1,494	1,901	2,038	5,937	5,770	5,798	1,909	1,548	1,911	1,993	1,739	1,975	1,717	21,165	20,402
363		Electrical transmission and distribution equipment and household appliances.....	1,074	946	1,114	1,049	3,249	3,477	3,402	971	989	1,163	1,073	1,031	1,125	1,197	12,227	11,524
365		Radio and TV.....	763	608	1,173	956	3,083	2,754	2,845	833	715	1,293	1,111	821	947	913	10,004	8,114
366		Communication equipment.....	3,640	2,964	4,045	3,451	11,105	10,704	9,811	3,412	3,579	3,985	3,210	3,412	3,796	2,918	3,340	38,116
367		Electronic components.....	2,318	2,323	2,194	2,418	6,959	7,405	6,620	2,304	2,198	2,236	2,328	2,409	2,207	2,106	2,026	25,906
37		Transportation equipment.....	15,372	15,780	18,627	20,375	59,911	57,848	55,886	16,447	20,163	19,284	15,960	17,393	21,197	20,360	11,925	184,995
372, ^a		Aircraft, missiles, and parts.....	4,011	3,432	5,617	5,106	16,839	13,663	16,553	4,436	5,854	6,510	3,571	3,969	5,891	5,857	3,259	58,418
3731		Shipbuilding and military tank vehicles.....	1,170	764	595	1,954	3,966	3,996	3,796	1,168	1,144	1,229	1,519	812	1,370	2,656	1,284	13,709
3795		Instruments and related products.....	4,381	4,233	4,245	4,152	12,822	12,540	12,330	4,345	4,362	4,486	4,164	3,971	4,067	4,120	3,874	46,208
38		All other durable goods industries.....	7,440	8,086	8,048	7,775	24,238	25,563	25,586	7,372	8,462	8,569	8,391	8,082	8,673	8,386	7,924	91,710
24																		
25																		
25																		

^pPreliminary.

^rRevised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; optical goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.

The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies (formerly Shipments of Defense-Oriented Industries)", for the specified industries.

Table 3. VALUE OF MANUFACTURES' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

SIC	Industry	(Millions of dollars)														
		Seasonally adjusted						Not seasonally adjusted ¹								
		Monthly			Quarterly			Monthly			Last 4 months a year ago					
		Nov. 1981 ²	Oct. 1981 ²	Sept. 1981 ²	Aug. 1981 ²	II 1981 ²	I 1981 ²	IV 1980 ²	III 1980 ²	II 1980 ²	Nov. 1981 ²	Oct. 1981 ²	Sept. 1981 ²	Aug. 1981 ²		
		Oct. 1980 ²	Sept. 1980 ²	Aug. 1980 ²	July 1980 ²	June 1980 ²	May 1980 ²	April 1980 ²	March 1980 ²	February 1980 ²	January 1980 ²	December 1979 ²	November 1979 ²	October 1979 ²		
TOTALS																
32	All manufacturing industries.....	321,058	323,548	328,613	328,757	325,918	323,602	319,729	315,027	306,494	318,224	321,651	323,853	314,186	310,864	309,466
33	Manufacturing industries excluding transportation.....	205,782	206,881	210,540	210,352	210,403	207,405	206,686	200,514	197,955	201,942	204,428	207,963	210,244	200,265	199,443
331	Durable goods industries.....	310,567	312,681	317,460	317,369	314,477	312,598	308,815	304,133	295,750	308,020	310,908	312,779	313,812	303,009	298,796
333-339	Nondurable goods industries.....	10,491	10,857	11,153	11,388	11,441	11,005	10,913	10,895	10,744	10,204	10,743	11,074	11,321	10,549	10,665
MARKET CATEGORIES																
33	Home goods and apparel.....	4,358	4,517	4,921	4,902	4,854	4,664	3,988	4,085	4,215	4,151	4,516	5,229	5,372	5,046	4,441
331	Consumer staples.....	190,736	191,219	193,108	194,278	190,926	191,324	186,876	183,272	177,896	190,338	191,593	190,622	190,893	183,134	178,632
333	Equipment and defense products, except automotive.....	17,248	17,017	17,371	17,407	17,607	17,409	17,587	17,399	17,749	16,888	16,853	17,217	17,501	17,227	17,394
335	Automotive equipment.....	108,696	110,785	113,213	112,170	112,531	110,206	111,277	110,270	106,635	106,847	108,689	110,785	111,367	109,437	108,785
SUPPLEMENTARY SERIES ²																
333-339	Household durable goods industries.....	3,129	3,348	3,735	3,708	3,732	3,628	2,954	3,084	3,220	2,942	3,323	4,006	4,167	2,752	3,428
333	Capital goods industries.....	221,809	222,716	225,758	225,006	221,984	220,323	216,028	214,413	206,684	222,079	223,056	222,313	221,165	213,470	209,636
335	Nondefense.....	142,328	143,589	146,126	147,712	147,288	147,924	147,673	147,300	146,477	141,649	144,001	144,925	146,639	146,598	146,291
337	Defense.....	79,481	79,127	79,632	77,294	74,696	72,398	68,355	67,113	60,207	80,430	79,055	77,388	74,526	67,872	62,812
INDUSTRY GROUPS AND INDUSTRIES																
32	Durable goods industries	2,288	2,177	2,124	2,250	2,292	2,288	2,460	2,426	2,531	2,137	2,101	2,095	2,273	2,341	2,397
33	Stone, clay, and glass.....	27,049	27,627	28,521	28,708	28,595	28,955	30,248	28,010	25,487	25,144	25,946	26,968	28,135	28,342	26,557
331	Primary metals.....	16,208	16,565	17,168	17,075	16,897	16,926	17,439	15,742	13,258	14,896	15,224	15,949	16,648	16,310	14,640
333-339	Plastic, ferrous, steel mills, nonferrous and other primary metal products.....	7,657	7,648	8,062	8,344	8,425	8,557	9,008	8,476	8,219	6,928	7,363	7,764	8,211	8,302	8,162
34	Fabricated metal products.....	29,070	29,150	29,856	30,051	30,362	30,134	30,189	29,800	30,749	28,835	29,072	29,861	30,162	29,746	29,873
35	Machinery, except electrical.....	73,895	74,499	75,440	75,297	75,578	74,602	74,396	72,650	71,914	73,372	74,139	74,680	75,233	72,144	72,000
351	Engines and turbines.....	18,239	18,411	18,413	18,303	18,474	18,241	17,905	17,864	17,825	18,365	18,658	18,403	18,245	18,098	18,075
353	Construction, mining, and material-handling equipment.....	11,038	11,031	11,343	11,380	10,989	9,760	8,765	8,141	8,062	10,784	10,943	11,116	11,266	8,307	7,986
354	Working machinery.....	5,222	5,500	5,736	5,987	6,459	7,035	7,292	7,661	7,986	5,242	5,516	5,753	6,083	7,190	7,556
356	General industrial machinery.....	6,580	6,745	6,669	6,775	6,547	6,304	6,177	6,287	6,615	6,560	6,705	7,649	6,822	6,190	6,454

See footnotes at end of table.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES
(Millions of dollars)

SIC	Industry	Seasonally adjusted										Not seasonally adjusted ¹									
		Monthly					Quarterly					Monthly									
		Nov. 1981 ^p	Oct. 1981 ^r	Sept. 1981	Aug. 1981	Jul. 1981	I 1981	II 1981	III 1981	IV 1981	1981	Nov. 1981 ^p	Oct. 1981 ^r	Sept. 1981	Aug. 1981	Nov. 1980	Oct. 1980	Sept. 1980	Aug. 1980	1980	1980
	TOTALS																				
	All manufacturing industries.....	279,560	278,440	276,616	273,361	269,709	266,524	257,980	256,835	256,421	256,421	277,441	276,040	273,900	272,545	255,399	254,257	254,207	255,938	255,938	255,938
	Manufacturing industries excluding transportation.....	239,362	238,176	237,192	234,666	231,081	228,413	221,170	221,393	221,992	221,992	237,077	235,827	234,522	233,539	219,434	218,438	218,769	220,501	220,501	220,501
	Manufacturing industries with unfilled orders.....	192,641	191,584	189,850	186,695	183,036	180,275	174,756	173,231	173,188	173,188	190,287	189,219	187,924	186,963	171,577	170,901	171,511	173,797	173,797	173,797
	Durable goods industries.....	187,158	186,718	185,140	182,221	178,676	176,229	171,603	170,163	169,769	169,769	185,038	184,310	183,091	181,967	168,354	167,617	168,308	170,295	170,295	170,295
	Durable goods with unfilled orders.....	171,569	170,673	169,027	166,195	162,821	160,227	155,430	153,986	153,669	153,669	169,779	168,818	167,397	166,135	152,771	152,138	152,535	154,204	154,204	154,204
	Nondurable goods industries.....	92,402	91,722	91,476	91,140	91,033	90,295	86,377	86,672	86,652	86,652	92,403	91,730	90,809	90,578	87,045	86,640	85,899	85,643	85,643	85,643
	Nondurable goods with unfilled orders.....	21,072	20,911	20,823	20,500	20,215	20,047	19,326	19,245	19,520	19,520	20,508	20,401	20,527	20,828	18,806	18,763	18,976	19,593	19,593	19,593
	MARKET CATEGORIES																				
	Home goods and apparel.....	23,020	22,570	21,982	21,881	21,410	21,201	20,663	20,395	20,706	20,706	21,773	21,762	21,778	22,252	19,451	19,772	20,215	20,844	20,844	20,844
	Consumer staples.....	33,009	33,184	33,142	33,205	32,658	32,880	32,201	31,988	31,283	31,283	33,978	34,222	33,544	32,736	33,616	33,327	32,389	31,550	31,550	31,550
	Equipment and defense products, except automotive.....	76,594	76,180	75,148	74,156	73,240	71,400	69,908	69,288	67,787	67,787	76,219	75,479	74,376	73,839	69,244	68,573	68,543	68,940	68,940	68,940
	Automotive equipment.....	11,558	11,866	11,714	11,394	11,550	11,775	11,872	11,589	12,267	12,267	11,733	11,850	11,800	11,539	11,461	11,457	11,685	11,781	11,781	11,781
	Construction materials, supplies, and intermediate products.....	22,848	22,795	23,006	22,727	22,393	21,602	21,266	20,809	20,999	20,999	22,058	22,262	22,516	22,441	20,278	20,210	20,387	20,724	20,724	20,724
	Other materials, supplies, and intermediate products.....	112,531	111,845	111,624	109,998	108,478	107,666	102,070	102,767	103,380	103,380	111,680	110,465	109,886	109,738	101,349	100,634	100,988	102,099	102,099	102,099
	SUPPLEMENTARY SERIES																				
	Household durable goods industries.....	11,029	10,981	10,719	10,674	10,250	10,236	9,992	9,980	10,198	10,198	10,618	10,639	10,566	10,818	9,584	9,662	9,845	10,211	10,211	10,211
	Capital goods industries.....	86,691	86,053	85,074	83,742	82,376	80,456	78,245	77,469	75,420	75,420	86,266	85,371	84,245	83,562	77,570	77,119	76,705	76,856	76,856	76,856
	Nondefense.....	73,125	72,985	72,053	71,053	69,676	68,473	67,224	67,021	65,672	65,672	72,818	72,400	71,321	70,719	66,842	66,501	66,330	66,393	66,393	66,393
	Defense.....	13,566	13,068	13,019	12,689	12,700	11,984	11,021	10,447	9,749	9,749	13,448	12,971	12,924	12,843	10,728	10,618	10,375	10,463	10,463	10,463
	INDUSTRY GROUPS AND INDUSTRIES																				
	Durable goods industries:																				
32	Stone, clay, and glass products	6,974	6,923	7,037	6,831	6,599	6,398	6,145	6,016	6,189	6,189	6,679	6,613	6,792	6,738	5,807	5,788	5,807	5,990	5,990	5,990
322	Glass containers.....	653	659	644	615	595	608	593	584	611	611	646	647	627	630	587	577	569	612	612	612
33	Primary metals.....	25,399	25,268	25,087	24,412	23,334	23,640	21,976	22,022	22,555	22,555	25,338	24,971	24,709	24,332	21,880	21,665	21,699	22,199	22,199	22,199
331	Blast furnaces, steel mills.....	13,124	13,148	13,148	12,734	12,169	12,722	11,844	12,152	12,722	12,722	13,255	13,122	13,122	12,785	12,000	11,937	12,067	12,443	12,443	12,443
333-6.	Nonferrous and other primary metals.....	10,736	10,617	10,511	10,268	9,819	9,563	8,802	8,564	8,484	8,484	10,607	10,415	10,270	10,165	8,636	8,464	8,367	8,459	8,459	8,459
34	Fabricated metal products.....	20,633	20,598	20,440	20,232	19,973	19,812	19,773	19,395	20,020	20,020	20,058	20,227	20,147	20,220	18,957	18,753	19,119	19,568	19,568	19,568
341	Metal cans, barrels, and drums.....	1,513	1,582	1,578	1,538	1,571	1,637	1,744	1,578	1,732	1,732	1,293	1,346	1,362	1,507	1,402	1,376	1,365	1,557	1,557	1,557
35	Machinery, except electrical.....	42,523	42,282	42,017	41,366	40,342	39,618	39,189	39,726	39,514	39,514	42,175	41,681	41,652	41,038	38,972	38,663	39,166	39,484	39,484	39,484
351	Engines and turbines.....	2,587	2,622	2,585	2,427	2,423	2,443	2,474	2,457	2,522	2,522	2,596	2,583	2,566	2,397	2,501	2,396	2,421	2,429	2,429	2,429
352	Farm machinery and equipment.....	2,658	2,652	2,712	2,829	2,749	2,801	2,774	3,127	3,127	3,127	2,496	2,464	2,577	2,735	2,737	2,800	2,974	3,096	3,096	3,096
353	Construction, mining, and material-handling equipment.....	9,777	9,522	9,213	9,082	8,789	8,469	8,446	8,650	8,766	8,766	9,699	9,294	9,066	8,955	8,502	8,409	8,512	8,580	8,580	8,580
354	Metalworking machinery.....	2,629	2,612	2,749	2,717	2,627	2,624	2,760	2,760	2,833	2,833	2,627	2,594	2,713	2,717	2,802	2,818	2,861	2,861	2,861	2,861
356	General industrial machinery.....	3,971	4,008	3,872	3,836	3,753	3,603	3,561	3,627	3,637	3,637	3,911	3,936	3,818	3,810	3,518	3,523	3,576	3,634	3,634	3,634

See footnotes at end of table.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

(Millions of dollars)

SIC	Industry	Seasonally adjusted					Not seasonally adjusted										
		Monthly		Quarterly			Monthly										
		Nov. 1981 ^p	Oct. r	Sept. 1981	Aug. 1981	II 1981	I 1981	IV 1980	III 1980	II 1980	Last 4 months Oct. r 1981 ^p	Aug. 1981	Nov. 1980	Oct. 1980	Sept. 1980	Aug. 1980	
36	INDUSTRY GROUPS AND INDUSTRIES-- Continued	27,046	26,865	26,517	26,243	25,689	25,057	24,383	24,350	24,145	26,547	26,256	23,978	24,112	24,104	24,314	
361, 2		Electrical machinery.....	4,777	4,806	4,744	4,593	4,488	4,263	4,163	4,222	4,263	4,731	4,678	4,101	4,165	4,162	4,221
363		Electrical transmission and distribution equipment and industrial apparatus.....	2,138	2,134	2,021	2,017	1,936	1,905	1,874	1,843	1,943	1,991	1,928	1,727	1,745	1,760	1,830
365		Household appliances.....	1,785	1,742	1,664	1,600	1,492	1,444	1,311	1,292	1,309	1,714	1,656	1,681	1,251	1,287	1,383
366		Radio and TV.....	9,058	8,882	8,859	8,862	8,866	8,774	8,630	8,589	8,178	8,699	8,660	8,692	8,667	8,540	8,465
367		Communication equipment.....	5,000	4,992	4,874	4,844	4,795	4,560	4,357	4,450	4,422	4,895	4,864	4,409	4,441	4,437	4,456
37		Electronic components.....	40,198	40,264	39,424	38,628	38,111	36,810	35,442	35,442	34,429	40,364	39,006	35,965	35,819	35,438	35,337
371		Transportation equipment.....	9,088	9,453	9,316	9,088	9,125	9,605	9,694	9,409	9,865	9,326	9,321	9,388	9,371	9,351	9,335
372, 6		Motor vehicles and parts.....	26,455	25,997	25,468	25,167	24,820	24,001	22,918	21,835	20,160	26,258	25,228	22,259	22,186	21,643	21,521
3731		Aircraft, missiles, and parts															
3795	Shipbuilding and military tank vehicles.....	2,559	2,742	2,596	2,449	2,636	2,612	2,265	2,105	2,130	2,689	2,671	2,468	2,344	2,165	2,198	
38	Instruments and related products.....	9,754	9,714	9,738	9,585	9,603	9,380	9,281	9,037	8,994	9,553	9,576	9,658	9,051	8,965	9,103	
381-4	Scientific and engineering...	6,942	6,900	6,912	6,842	6,842	6,593	6,474	6,309	6,263	6,844	6,824	6,808	6,312	6,252	6,324	
386	Photographic goods.....	2,322	2,320	2,342	2,251	2,247	2,259	2,243	2,172	2,135	2,231	2,267	2,305	2,150	2,145	2,203	
24																	
25	All other durable goods																
39		14,631	14,804	14,880	14,857	14,508	14,213	14,046	14,175	13,923	14,324	14,537	14,699	13,744	14,010	14,200	
	Nondurable goods industries:																
20	Food and kindred products.....	21,599	21,600	21,826	21,951	21,862	22,237	22,325	22,368	21,263	22,822	22,741	23,992	23,642	22,273	21,389	
201	Meat products.....	2,088	2,130	2,067	2,109	2,267	2,272	2,271	2,138	2,005	2,153	2,132	2,029	2,428	2,253	2,089	
208	Beverages.....	3,832	3,817	3,863	3,733	3,743	3,909	3,866	3,770	3,895	3,847	3,897	3,873	3,869	3,740	3,589	
207	Fats and oils.....	1,762	1,602	1,696	1,761	1,643	1,792	2,055	2,388	1,840	2,026	1,648	1,253	2,609	2,351	1,532	
203-6, 9	All other foods.....	12,228	12,370	12,481	12,632	12,456	12,476	12,438	12,480	11,885	13,121	13,359	13,067	13,490	13,511	13,067	
21	Tobacco products.....	4,036	4,043	3,966	3,921	3,570	3,689	3,507	3,628	3,507	4,165	4,087	3,906	3,797	3,708	3,281	
22	Textile mill products.....	6,730	6,676	6,642	6,590	6,604	6,518	6,386	6,102	6,250	6,478	6,395	6,579	6,027	5,916	5,760	
26	Paper and allied products.....	8,824	8,684	8,586	8,445	8,332	8,286	7,798	7,818	7,866	8,701	8,533	8,424	7,712	7,668	7,893	
261-3	Pulp, paper, etc.....	3,294	3,213	3,123	3,122	3,018	2,972	2,794	2,894	2,779	3,267	3,176	3,120	2,824	2,862	2,845	
265	Paperboard containers.....	2,999	2,935	2,937	2,901	2,255	2,188	1,973	1,971	2,093	2,334	2,286	2,327	1,918	1,913	1,953	
264	All other paper containers...	3,131	3,116	3,128	3,022	3,059	3,126	3,032	2,953	2,993	3,080	3,071	3,047	2,970	2,890	3,009	
28	Chemicals and allied products...	20,764	20,722	20,363	20,281	20,218	19,488	18,489	18,478	19,211	20,629	20,301	19,956	18,482	18,035	18,114	
281, 6	Industrial chemicals, except pigments.....	6,940	6,856	6,810	6,856	6,961	6,693	6,244	6,200	6,714	6,946	6,760	6,708	6,300	6,037	6,201	
283, 4	Drugs, soap, and toiletries...	6,028	5,998	5,867	5,941	5,839	5,819	5,612	5,596	5,587	5,997	5,926	5,947	5,677	5,523	5,572	
29	Petroleum and coal products...	8,823	8,772	9,206	9,320	9,996	9,885	8,240	8,805	8,711	9,154	9,087	9,424	8,431	8,639	8,835	
30	Rubber and plastics products...																
	n.e.c.....	5,800	5,729	5,703	5,624	5,634	5,538	5,279	5,232	5,603	5,589	5,565	5,537	5,050	5,125	5,181	
23																	
27	All other nondurable goods																
31	industries.....	15,826	15,516	15,182	15,038	14,817	14,656	14,353	14,243	14,241	14,885	15,021	15,497	13,554	14,244	14,704	

^pPreliminary. ^rRevised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture: kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks, and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondurable products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondurable portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.

³The data are comparable to those published annually in the WA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"). for the specified industries.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP
(Millions of dollars)

Industry	Seasonally adjusted					Quarterly				Monthly					Not seasonally adjusted				
	Nov. 1981 ^p	Oct. 1981 ^r	Sept. 1981	Aug. 1981	11 1981	1 1981	IV 1980	III 1980	II 1980	Nov. 1981 ^p	Oct. 1981 ^r	Sept. 1981	Aug. 1981	Nov. 1980	Oct. 1980	Sept. 1980	Aug. 1980		
TOTALS																			
All manufacturing industries.....	279,560	278,440	276,616	273,361	269,709	266,524	257,980	256,835	256,421	277,441	276,040	273,900	272,565	255,399	254,257	254,207	255,938		
Durable goods industries.....	187,158	186,718	185,140	182,221	178,672	176,229	171,603	170,163	169,769	185,038	184,310	183,091	181,967	168,354	167,617	168,308	170,295		
Stone, clay, and glass products.....	6,974	6,923	7,037	6,831	6,599	6,398	6,145	6,016	6,169	6,679	6,613	6,679	6,738	5,807	5,788	5,807	5,990		
Primary metals.....	25,399	25,268	25,087	24,412	23,334	23,640	21,976	22,022	22,555	25,338	24,971	24,709	24,332	21,880	21,665	21,699	22,199		
Fabricated metals.....	20,633	20,598	20,400	20,232	19,973	19,812	19,773	19,395	20,058	20,227	20,147	20,220	18,957	18,753	19,119	19,568			
Nonferrous metal machinery.....	42,523	42,282	42,017	41,366	40,342	39,618	39,189	39,726	39,514	42,175	41,681	41,652	41,038	38,972	39,166	39,484			
Electrical machinery.....	27,046	26,865	26,517	26,243	25,689	25,057	24,383	24,350	24,350	26,547	26,492	26,259	26,259	23,978	24,112	26,106	26,414		
Transportation equipment.....	40,198	40,264	39,424	38,695	38,628	38,111	36,810	35,442	34,429	40,364	40,213	39,378	39,006	35,965	35,839	35,438	35,437		
Instruments and related products.....	9,756	9,716	9,738	9,585	9,603	9,380	9,281	9,037	8,994	9,553	9,576	9,659	9,611	9,051	9,009	8,965	9,103		
All other durable goods industries.....	14,631	14,804	14,860	14,857	14,508	14,213	14,046	14,175	13,923	14,324	14,337	14,699	14,763	13,744	13,808	14,010	14,200		
Non-durable goods industries.....	92,402	91,722	91,476	91,140	90,033	89,295	86,377	86,672	86,652	92,403	91,730	90,809	90,578	87,045	86,640	85,899	85,643		
Chemicals and allied products.....	20,764	20,722	20,363	20,281	20,218	19,488	18,489	18,478	19,211	20,629	20,301	19,956	20,025	18,482	18,035	18,114	18,282		
Petroleum and coal products.....	8,823	8,772	9,206	9,320	9,996	9,885	8,240	8,805	8,711	9,154	9,087	9,531	9,424	8,431	8,639	8,943	8,835		
Rubber and plastics products, n.e.c.....	5,800	5,729	5,703	5,624	5,634	5,538	5,279	5,232	5,603	5,589	5,565	5,592	5,537	5,050	5,125	5,131	5,181		
All other non-durable goods industries.....	57,015	56,499	56,204	55,915	55,185	55,385	54,369	54,158	53,127	57,031	56,777	55,908	55,592	55,082	54,861	53,711	53,345		
MATERIALS AND SUPPLIES																			
All manufacturing industries.....	94,325	94,364	94,187	93,015	92,127	91,907	89,380	88,701	89,963	93,987	94,114	93,540	92,907	88,312	88,445	88,032	88,293		
Durable goods industries.....	57,623	57,648	57,495	56,594	55,816	55,495	53,808	53,587	54,624	57,501	57,694	57,535	56,950	53,042	53,379	53,615	54,073		
Stone, clay, and glass products.....	2,716	2,698	2,719	2,636	2,691	2,532	2,446	2,278	2,342	2,680	2,680	2,680	2,650	2,289	2,289	2,277	2,296		
Primary metals.....	9,447	9,374	9,315	9,095	8,849	9,401	8,924	9,000	9,046	9,623	9,664	9,339	9,105	9,029	9,063	9,021	9,056		
Fabricated metals.....	7,604	7,610	7,604	7,417	7,272	7,420	7,269	7,081	7,525	7,369	7,507	7,631	7,520	6,968	6,991	7,110	7,272		
Nonferrous metal machinery.....	11,570	11,480	11,482	11,195	11,212	10,843	10,993	11,176	11,252	11,516	11,490	11,332	11,167	10,990	11,066	11,021	11,218		
Electrical machinery.....	7,911	7,928	7,798	7,842	7,581	7,360	7,229	7,379	7,336	7,655	7,754	7,829	7,891	7,096	7,237	7,363	7,430		
Transportation equipment.....	9,762	9,899	9,931	9,766	9,762	9,594	8,836	8,274	8,876	10,025	10,073	10,029	9,939	8,694	8,640	8,369	8,524		
Instruments and related products.....	2,889	2,901	2,854	2,878	2,865	2,845	2,786	2,852	2,790	2,857	2,869	2,861	2,886	2,763	2,760	2,860	2,712		
All other durable goods industries.....	5,724	5,758	5,792	5,765	5,564	5,520	5,345	5,347	5,437	5,776	5,869	5,845	5,782	5,413	5,553	5,594	5,565		
Non-durable goods industries.....	36,702	36,716	36,692	36,421	36,311	36,412	35,572	35,114	35,339	36,486	36,420	36,005	35,957	35,270	35,066	34,417	34,220		
Chemicals and allied products.....	7,819	7,856	7,921	7,904	7,994	7,875	7,668	7,365	7,441	7,765	7,757	7,841	7,861	7,453	7,309	7,309	7,215		
Petroleum and coal products.....	2,185	2,216	2,214	2,311	2,581	2,474	2,176	2,324	2,179	2,738	2,359	2,201	2,217	2,212	2,415	2,308	2,178		
Rubber and plastics products, n.e.c.....	2,420	2,357	2,347	2,264	2,345	2,373	2,250	2,085	2,336	2,330	2,347	2,376	2,308	2,045	2,159	2,114	2,128		
All other non-durable goods industries.....	24,278	24,257	24,210	23,942	23,391	23,690	23,478	23,340	23,383	24,153	23,957	23,587	23,471	23,560	23,183	22,695	22,699		
WORK IN PROCESS																			
All manufacturing industries.....	100,000	99,208	98,651	97,768	96,376	95,366	92,042	90,648	89,360	99,375	98,812	98,185	97,942	90,616	90,104	90,235	90,782		
Durable goods industries.....	85,549	84,986	84,083	82,996	81,769	80,584	77,935	76,691	75,512	84,852	84,388	83,564	83,263	76,699	76,063	76,251	76,933		
Stone, clay, and glass products.....	1,016	1,008	1,044	987	929	933	851	857	862	935	935	959	975	781	786	820	846		
Primary metals.....	9,941	9,913	9,881	9,751	9,107	8,951	7,997	7,886	7,999	8,436	8,277	7,979	7,979	7,885	7,707	7,890	8,293		
Fabricated metals.....	8,105	8,049	7,911	7,853	7,886	7,815	7,797	7,602	7,742	7,863	7,947	7,829	7,922	7,416	7,352	7,527	7,683		
Nonferrous metal machinery.....	18,712	18,654	18,537	18,503	17,898	17,844	17,556	17,791	17,791	18,720	18,683	18,387	18,386	17,570	17,301	17,633	17,803		
Electrical machinery.....	13,795	13,661	13,551	13,375	13,250	12,893	12,452	12,116	11,828	13,709	13,636	13,482	13,406	12,258	12,236	12,053	12,087		
Transportation equipment.....	26,341	26,065	25,499	25,065	25,022	24,600	23,902	23,156	21,622	26,236	26,004	25,447	25,185	23,508	23,432	23,164	22,755		
Instruments and related products.....	4,238	4,255	4,238	4,168	4,176	4,059	4,064	3,882	3,920	4,199	4,200	4,214	4,181	3,997	4,008	3,858	4,068		
All other durable goods industries.....	3,381	3,381	3,415	3,474	3,531	3,489	3,353	3,288	3,305	3,363	3,404	3,494	3,452	3,284	3,284	3,326	3,396		
Non-durable goods industries.....	14,451	14,222	14,568	14,772	14,607	14,782	14,107	13,957	13,868	14,523	14,424	14,521	14,679	13,917	14,041	13,984	13,849		
Chemicals and allied products.....	2,679	2,713	2,718	2,715	2,735	2,740	2,508	2,568	2,668	2,679	2,711	2,693	2,700	2,490	2,540	2,529	2,529		
Petroleum and coal products.....	2,566	2,385	2,669	2,754	2,674	2,726	2,651	2,624	2,476	2,631	2,633	2,622	2,687	2,505	2,552	2,585	2,631		
Rubber and plastics products, n.e.c.....	1,093	1,017	1,055	1,069	1,031	1,031	907	886	886	1,101	1,026	1,059	1,034	944	917	913	876		
All other non-durable goods industries.....	8,133	8,107	8,126	8,204	8,207	8,310	8,036	7,858	7,837	8,112	8,254	8,247	8,238	7,974	8,082	7,946	7,813		
FINISHED GOODS																			
All manufacturing industries.....	85,235	84,868	83,778	82,578	81,206	79,252	76,557	77,488	77,099	84,079	83,114	82,175	81,696	76,471	75,708	75,940	76,863		
Durable goods industries.....	43,986	44,084	43,562	42,631	41,091	40,169	39,860	39,885	39,634	42,685	42,228	41,992	41,754	38,613	38,175	38,442	39,289		
Stone, clay, and glass products.....	3,262	3,217	3,274	3,208	2,979	2,933	2,868	2,881	2,985	3,064	3,010	3,077	3,113	2,737	2,713	2,710	2,848		
Primary metals.....	6,011	5,981	5,884	5,766	5,378	5,288	5,092	5,023	5,073	5,886	5,778	5,616	5,511	4,966	4,788	4,788	4,850		
Fabricated metals.....	4,924	4,939	4,925	4,962	4,805	4,777	4,727	4,712	4,753	5,828	5,728	5,488	5,478	4,778	4,778	4,778	4,811		
Nonferrous metal machinery.....	12,241	12,148	11,998	11,668	11,302	10,931	10,640	10,759	10,505	11,939	11,708	11,733	11,487	10,412	10,296	10,512	10,463		
Electrical machinery.....	5,360	5,276	5,168	5,026	4,818	4,824	4,702	4,855	4,931	5,183	5,102	4,962	4,962	4,626	4,639	4,618	4,797		
Transportation equipment.....	4,093	4,300	3,994	3,864	3,844	3,917	4,072	4,012	3,931	4,103	4,136	3,902	3,882	3,963	3,947	3,925	4,158		
Instruments and related products.....	2,607	2,558	2,666	2,542	2,542	2,476	2,431	2,303	2,284	2,497	2,507	2,553	2,534	2,291	2,261				

Table 6. PERCENT CHANGES AND REVISIONS FOR MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS

(Based on seasonally adjusted data)

Item and industry group	Percent change							Revisions ²		
	Month-to-month			Average monthly rate of change ¹				Year ago Nov. 1980	Average monthly	
	Oct. 1981- Nov. 1981	Sept. 1981-Oct. 1981	Aug. 1981- Sept. 1981	Third quarter 1981	Second quarter 1981	First quarter 1981	Dec. 1980 through Nov. 1981		Nov. 1980 through Oct. 1981	Nov. 1976-1980
Shipments										
All manufacturing industries.....	-1.4	-2.7	-0.6	-0.6	+1.1	+0.4	-	0.4	0.2	1.2
Durable goods industries.....	-1.6	-4.2	-0.8	-1.0	+1.4	+0.6	-0.2	0.7	0.4	0.4
Nondurable goods industries.....	-1.1	-1.1	-0.3	-0.1	+0.8	+0.2	+0.2	0.2	0.3	0.3
Inventories:										
All manufacturing industries.....	+0.4	+0.7	+1.2	+0.8	+0.4	+1.1	+0.7	0.0	0.1	0.1
New orders:										
All manufacturing industries.....	+0.2	-5.6	-1.0	-0.5	+0.7	+0.1	-0.2	0.5	0.3	0.4
Durable goods industries.....	+1.7	-9.8	-1.2	-0.8	+0.6	+0.1	-0.5	0.9	0.6	0.8
Nondurable goods industries.....	-1.1	-1.2	-0.7	-0.2	+0.8	+0.1	+0.1	0.2	0.3	0.2
Unfilled orders:										
Durable goods industries.....	-0.7	-1.5	0.0	+0.3	+0.2	+0.4	+0.1	0.0	0.1	0.1

- Represents zero.

¹Method of calculation of these percentages for the quarter and the 12-month time intervals reflect compounded monthly growth rates.²The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

Table 7. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

Industry group	Inventories--shipments ratio				Unfilled orders--shipments ratio ¹ (months' backlog)			
	Nov. 1981 ^P	Oct. 1981 ^F	Sept. 1981	Aug. 1981	Nov. 1981 ^P	Oct. 1981 ^F	Sept. 1981	Aug. 1981
All manufacturing industries.....	1.73	1.70	1.64	1.61	3.73	3.74	3.68	3.67
Durable goods industries.....	2.30	2.26	2.15	2.10	4.49	4.49	4.41	4.37
Stone, clay, and glass products.....	1.80	1.80	1.75	1.71	0.68	0.65	0.60	0.64
Primary metals.....	2.39	2.28	2.16	2.04	2.55	2.50	2.46	2.40
Fabricated metals.....	2.15	2.06	1.99	1.94	3.31	3.17	3.14	3.13
Machinery, except electrical.....	2.48	2.50	2.42	2.40	4.57	4.73	4.72	4.68
Electrical machinery.....	2.36	2.39	2.27	2.25	4.45	4.50	4.42	4.34
Transportation equipment.....	2.40	2.34	2.08	1.99	11.27	11.59	10.91	10.54
Instruments and related products.....	2.35	2.29	2.27	2.28	1.76	1.66	1.64	1.69
Nondurable goods industries.....	1.15	1.13	1.11	1.10	0.62	0.64	0.65	0.67
Food and kindred products.....	1.00	.98	0.97	0.98	(X)	(X)	(X)	(X)
Tobacco products.....	3.44	3.68	3.27	3.31	(X)	(X)	(X)	(X)
Textile mill products.....	1.71	1.64	1.50	1.48	(NA)	(NA)	(NA)	(NA)
Paper and allied products.....	1.35	1.34	1.31	1.31	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products.....	1.35	1.38	1.31	1.31	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.55	0.53	0.57	0.57	(X)	(X)	(X)	(X)
Rubber and plastics products, n.e.c.....	1.64	1.45	1.44	1.42	(X)	(X)	(X)	(X)

(NA) Not available. ^PPreliminary. ^FRevised. (X) Not applicable.¹Excludes the following industries with no unfilled orders: wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operation; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

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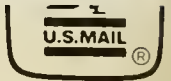
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